

SEQUENCE LISTING



<110> LAI, Kwok On
IP, Nancy Yuk-Yu

<120> CLONING OF A NOVEL NEUROTROPHIN NT-7 FROM CARP

<130> 007198-353

<140> 09/157,984

<141> 1998-09-22

<160> 12

<170> PatentIn Ver. 2.0

<210> 1

<211> 133

<212> PRT

<213> Cyprinus carpio

<400> 1
Lys Ala Asn Asp Phe Leu His Arg Gly Glu Tyr Ser Val Cys Asp Ser
1 5 10 15

Glu Glu His Trp Val Gly Asn Leu Thr Gln Ala Thr Asp Leu Arg Gly
20 25 30

Asn Glu Val Thr Val Leu Pro His Val Arg Ile Asn Asn Val Val Lys
35 40 45

Lys Gln Met Phe Tyr Glu Thr Thr Cys Arg Val Ser Lys Pro Ile Gly
50 55 60

Ala Pro Lys Pro Gly Gln Gly Val Ser Gly Val Lys Ala Gly Thr Ser
65 70 75 80

Ser Cys Arg Gly Ile Asp Asn Glu His Trp Asn Ser Tyr Cys Thr Asn
85 90 95

Val His Thr Phe Val Arg Ala Leu Thr Ser Tyr Lys Asn Gln Ile Ala
100 105 110

Trp Arg Phe Ile Arg Ile Asn Ala Ala Cys Val Cys Val Leu Ser Arg
115 120 125

Asn Ser Trp Arg His
130

<210> 2

<211> 399

<212> DNA

<213> Cyprinus carpio

<400> 2
aaggccaacg acttcttgca tcgcggcgag tactctgtgt gtgacagcga agagcactgg 60
gttggcaacc tgacccaagc cacagactta cggggcaatg aagtcacggt gctgccacat 120
gttcgcatca acaacgtggt gaagaagcag atgttctacg agaccacgtg ccgtgtgtcg 180
aagcccatcg gggcccccaa gccgggtcaa ggagtcagcg gcgttaaagc aggaacctct 240
agctgtcgtg ggatcgacaa cgagcactgg aactcttatt gcaccaacgt gcacaccttt 300
gtgcgggcgt taacgtccta caaaaaccag attgcctgga ggttcacccg aatcaacgcc 360
gcttgctgtg gcgtcctcag ccgcaactca tggaggcat 399

<210> 3
<211> 6
<212> PRT
<213> Xiphophorus NGF

<400> 3
Tyr Ser Val Cys Asp Ser
1 5

<210> 4
<211> 18
<212> DNA
<213> Xiphophorus NGF

<400> 4
gtactctgtg tgtgacag 18

<210> 5
<211> 6
<212> PRT
<213> Xiphophorus NGF

<400> 5
Ile Asn Ala Ala Cys Val
1 5

<210> 6
<211> 17
<212> DNA
<213> Xiphophorus NGF

<400> 6
cacacatgca gcgttga 17

<210> 7
<211> 17
<212> DNA
<213> Xiphophorus NGF

<400> 7
aaatgatacg gggagcc 17

<210> 8
<211> 17

<212> DNA
<213> Xiphophorus NGF

<400> 8
aaggggcgga gtctcag 17

<210> 9
<211> 19
<212> DNA
<213> Xiphophorus NGF

<400> 9
cttagatcgt gtgcccatg 19

<210> 10
<211> 19
<212> DNA
<213> Xiphophorus NGF

<400> 10
gggtgagtct tcaatgctg 19

<210> 11
<211> 19
<212> DNA
<213> Xiphophorus NGF

<400> 11
ataacgtgga cgtgtgccc 19

<210> 12
<211> 19
<212> DNA
<213> Xiphophorus NGF

<400> 12
caagagcgtt ccacacctc 19